



Greenforest Incorporated



Consulting Arborist

TO: Lafe B. Hermansen, Principal - Core Design, Inc.
14711 NE 29th Place, Suite 101
Bellevue WA 98007

REFERENCE: *THIRD Amended* Tree Health Report, Rose Hill West

SITE ADDRESS: Tax parcel Nos. 032505-9005, 9037, 9164, 9168, 9186, 9187

DATE: September 21, 2018

PREPARED BY: Favero Greenforest, ISA Certified Arborist # PN -0143A
ISA Tree Risk Assessment Qualified
ASCA Registered Consulting Arborist® #379

You contracted my services as a consulting arborist. In preparation for development, my assignment is to inspect, inventory and assess the health of the regulated trees on the referenced site. You provided me a topographic survey of the site locating the trees. I visited the site May 2017, January and September 2018 and inspected the surveyed trees, which are the subject of this *tree health report*.

Summary of Regulated Trees:

<i>Total Significant Trees on Site</i>	<i>211</i>
<i>Total Landmark Trees on Site</i>	<i>52</i>
<i>Total Trees</i>	<i>263</i>

[This report was first amended 9/16/17 from my original 5/25/17 document. The tree inventory, attachment 3, now has a 'Proposed Action' column indicating if a tree is to be removed or retained. The compliance chart, page 4, has updated figures. Three landmark trees established as *unhealthy* are photo-documented in attachment 6.

The second amended version (3/31/18) lists multi-trunked trees as the average DBH of all stems, provides recommendations for replacement tree locations within NGPA TRACT B based on a site visit, and included the regulated trees from an additional abutting parcel: 0325059104.

The third amended report of May 2018 removes parcel 0325059183.

This fourth amended report removes the previously added abutting parcel 0325059104.]

This project includes 6 contiguous parcels, south of NE 100th Street, and west of 138th Ave NE. The eastern and northern portions of the site are mostly flat, with a commercial business or single-family residences. The southwest portion is undeveloped, sloped, and covered in native vegetation.

TREE INSPECTION METHOD

I performed a Level 1 tree risk assessment.¹ This is the standard assessment for populations of trees near specified targets, conducted in order to identify obvious defects or specified conditions such as a pre-development inventory. A limited visual assessment typically focuses on identifying trees with imminent and/or probable likelihood of failure.

This report identifies unhealthy trees based on existing health conditions and tree structure, and specifies which trees are most suitable for preservation.²

I recorded tree species and size (DBH). I estimated the average dripline of each tree. I rated the condition of each tree, both health and structure. 'Healthy trees' appear normal and vital, are without obvious defects, or have minor defects that, if retained within a grove or stand of trees, will not affect their usefulness as a landscape tree once development is complete.

The subject trees were tagged and numbered with a 1" x 3" aluminum tag prior to my inspection. The attached tree inventory contains the following information on each tree.

Proposed Action indicates if tree removal or retention is proposed for each regulated tree.

Tree Count- provides a running tally of the retained trees.

Tree number as indicated on tag in field and shown on the attached exhibit.

Tree Category indicates if tree is *Significant* (6" or greater DBH), *Landmark* (greater than 30" DBH), or *Unhealthy*.

¹ Companion publication to the ANSI A300 Part 9: Tree Shrub and Other woody Plant Management – Standard Practices, Tree Risk Assessment. 2011. ISA.

² Companion publication to the ANSI A300 Part 5: Tree Shrub and Other woody Plant Maintenance – Standard Practices, Managing Trees During Construction. 2008. ISA.

DBH stem (trunk) diameter in inches 4.5 feet from grade. Multiple-trunked trees are listed as the average of all stems.

Tree Species Common name.

Dripline average branch extension in feet as radius from the trunk.

Health and Structure rating '1' indicates good to excellent condition; no visible health-related problems or structural defects, '2' indicates fair to good condition; minor visible problems or defects that may require attention if the tree is retained, or if retained within a grove or stand of trees, will not affect their usefulness as a landscape tree once development is complete, and '3' indicates poor condition: significant visible problems or defects, the tree is considered unhealthy, and is not regulated as a significant tree, and removal is recommended.

Visible Defects obvious structural defects or diseases visible at time of inspection, Including:

Asymmetric canopy– the tree has an asymmetric canopy from space and light competition from adjacent trees.

Branch dieback - Mature branches in canopy are dying/dead.

Bow in trunk – a trunk lean characterized by the top of the tree leaning over.
(Common with edge trees)

Deadwood – Large and/or multiple dead branches throughout canopy.

Decay – process of wood degradation by microorganisms resulting in weak and defective structure.

Diseased – foliage and trunk/stems are diseased.

Dogleg in trunk – trunk with a bow or defective bend (90°) in trunk often half way of further up the trunk.

Double leader – the tree has multiple stem attachments, which may require maintenance or monitoring over time.

Growth obstruction – adjacent object prevents normal growth of rootcrown.

Heave – soil is heaved on one side of the tree indicating previous root or soil failure.

Included bark - Bark inclusion at attachment of multiple leaders and is preventing a wood-to-wood attachment

Ivy - dense ivy prevents a thorough inspection, and other defects may be present.

LCR – Live crown ratio: the ratio of crown length to total tree height. Stand-alone trees with a LCR of 30 and lower are at increased risk of failure.

Lean – angle of the trunk from vertical.

Multiple leaders - the tree has multiple stem attachments, which may lead to tree failure and require maintenance or monitoring over time.

Oozing resin an indicate stress or decay infection.

Poor structure – tree's structure is deformed and defective/unsightly

Previous failure – tree trunk previously broken and defective.

Slender – tree lacks adequate trunk taper to stand lone.

Sweep in trunk – characterized by a leaning lower trunk and a more upright top.

Stilts – tree grew atop a stump or nurselog, and has an elevated rootcrown.

Thinning canopy – low foliage density may indicate stress, or early infection/declining health.

Seam - can indicate self-propagating internal crack.

Stumpsprout- tree previously cut at grade with multiple stems and potentially weak attachments.

Suppressed – tree crowded by larger adjacent trees; with defective structure and/or low vigor. Retain tree only as a grove tree, not stand-alone.

Sweep – tree leans away from adjacent trees. Characterized by a leaning lower trunk and a top that is more upright.

Topped – the tree is previously topped and has poor structure and/or stem decay.

Tree leans – trunk has significant lean from vertical.

Trunk decay - wood decay is visible in the trunk.

Woodpecker – trunk injured from woodpecker feeding.

Wound/decay base of trunk - open wound with visible decay in trunk.

The inspection results for significant and landmark trees are summarized in an inventory spreadsheet in attachment 3. For reference, a separate attachment includes inventories of offsite trees and unhealthy trees.

SUMMARIZING COMPLIANCE WITH CODE.

The following table provides quantities and percentages for 530 retained and removed significant and landmark trees.

Compliance Chart

Tree Type	Removed	Impacted	Retained	Total
Landmark >30" DBH	34	0	18	52
	13%	0%	7%	20%
Significant 6-30" DBH	134	0	77	211
	51%	0%	29%	80%
Totals	168	0	95	263
	64%	0%	36%	100%

REQUIRED TREE REPLACEMENT:

SIGNIFICANT - 1:1

236

LANDMARK - 3:1

REPLACEMENT TREE CALCULATIONS

Significant trees removed: 134 (replaced at 1:1 ratio)
Significant trees required to be replaced: 134
Significant trees impacted: 0 (replaced at 1:1 ratio)
Significant trees required to be replaced: 0

Landmark trees removed: 34 (replaced at 3:1 ratio)
Landmark trees required to be replaced: 102
Landmark trees impacted: (replaced at 3:1 ratio)
Landmark trees required to be replaced: 0

TOTAL REQUIRED REPLACEMENT TREES: 236

REPLACEMENT TREE LOCATIONS AND SPECIES

I visited the site again last week to assess the locations for the replacement trees within TRACT B. Based on my observations, there is copious space available, but most areas lack sufficient sunlight for the tree species proposed. (For example Fir and Hemlock will not thrive if planted into a shady location (as opposed to germinating in that same shady location): however, cedar will thrive either way.)

I marked a sheet indicating potential replacement areas, and provided species appropriate to the expected levels of light for each area. The proposed species include the following native trees:

Douglas-fir (<i>Pseudotsuga menzeisii</i>)	Western red-cedar (<i>Thuja plicata</i>)
Western hemlock (<i>Tsuga heterophylla</i>)	Pacific yew (<i>Taxus brevifolia</i>)
Bigleaf maple (<i>Acer macrophyllum</i>)	Cascara (<i>Rhamnus purshiana</i>)
	Vine maple (<i>Acer circinatum</i>)

The above listed trees are all native species, and are listed in descending order of light requirement. The bottom 4 listed can be planted within the driplines of existing trees, especially the onsite Bigleaf maples where there is ample space and light.

I reviewed the Preliminary Landscape Plan noting the accurate use of my recommendations for replacement tree species and planting locations.

LIMITATIONS AND USE OF THIS REPORT

This tree report establishes, via the most practical means available, the existing conditions of the trees on the subject property. Ratings for health and structure, as well as any recommendations are valid only through the development and construction process. This report is based solely on what is readily visible and observable, without any invasive means.

There are several conditions that can affect a tree's condition that may be pre-existing and unable to be ascertained with a visual-only analysis. No attempt was made to determine the presence of hidden or concealed conditions which may contribute to the risk or failure potential of trees on the site. These conditions include root and stem (trunk) rot, internal cracks, structural defects or construction damage to roots, which may be hidden beneath the soil. Additionally, construction and post-construction circumstances can cause a relatively rapid deterioration of a tree's condition.

Attachments:

1. Assumptions and Limiting Conditions
2. Certification of Performance
3. Significant & Landmark Tree Inventory
4. Unhealthy Onsite Tree Inventory
5. Offsite Trees
6. Preliminary Tree Preservation Plan (L1.01, 02 & 03)
7. Photographic Documentation – Three Landmark-size Trees

Attachment No. 1 - Assumptions & Limiting Conditions

- 1) Field examinations of the site were made May & September 2017, and January & September 2018. My observations and conclusions are as of that date.
- 2) Care has been taken to obtain all information from reliable sources. All data has been verified insofar as possible; however, the consultant/arborist can neither guarantee nor be responsible for the accuracy of information provided by others.
- 3) Unless stated other wise: 1) information contained in this report covers only those trees that were examined and reflects the condition of those trees at the time of inspection; and 2) the inspection is limited to visual examination of the subject trees without dissection, excavation, probing, or coring. There is no warranty or guarantee, expressed or implied that problems or deficiencies of the subject tree may not arise in the future.
- 4) All trees possess the risk of failure. Trees can fail at any time, with or without obvious defects, and with or without applied stress. A complete evaluation of the potential for this (a) tree to fail requires excavation and examination of the base of the subject tree.
- 5) The consultant/appraiser shall not be required to give testimony or to attend court by reason of this report unless subsequent contractual arrangements are made.
- 6) Construction activities can impact trees in unpredictable ways. All retained trees should be inspected at the completion of construction, and regularly thereafter as part of ongoing maintenance.
- 7) The consultant does not assume any liability for the subject tree and does not represent the transfer of such for any risks associated with the tree from the landowner to the consultant. **Risk management is solely the responsibility of the landowner.**

Attachment No. 2 - Certification of Performance

I, Favero Greenforest, certify that:

- I have personally inspected the trees and the property referred to in this report and have stated my findings accurately.
- I have no current or prospective interest in the vegetation or the property that is the subject of this report and have no personal interest or bias with respect to the parties involved.
- The analysis, opinion, and conclusions stated herein are my own and are based on current scientific procedures and facts.
- My analysis, opinion, and conclusions were developed and this report has been prepared according to commonly accepted arboricultural practices.
- No one provided significant professional assistance to me, except as indicated within the report.
- My compensation is not contingent upon the reporting of a predetermined conclusion that favors the cause of the client of any other party nor upon the results of the assessment, the attainment of stipulated results, or the occurrence of any subsequent events.

I further certify that I am a member in good standing of International Society of Arboriculture (ISA), and the ISA PNW Chapter, I am an ISA Certified Arborist (#PN-0143A) and am Tree Risk Assessment Qualified, and am a Registered Consulting Arborist® (#379) with American Society of Consulting Arborists. I have worked as an independent consulting arborist since 1989.

Signed:



GREENFOREST, Inc.

By Favero Greenforest, M. S.

Favero Greenforest

Digitally signed by Favero Greenforest
DN: cn=Favero Greenforest, o, ou,
email=greenforestinc@mindspring.com, c=US
Date: 2018.09.24 17:08:49 -07'00'

Date: September 21, 2018



Attachment No. 3 – Significant & Landmark Tree Inventory

Proposed Action	Tree Count	Tree No.	Tree Category	DBH (in.)	Significant & Landmark Tree Species	Dripline (ft.)	Health	Structure	Comments on Condition
Retain	1	9054	Landmark	31	Douglas-fir	18	1	1	
Retain	2	9055	Significant	14	Bigleaf maple	16	1	1	
Retain	3	9056	Significant	20	Douglas-fir	16	1	1	
Retain	4	9066	Significant	22	Western red-cedar	14	1	2	Multiple leaders
Retain	5	9067	Significant	26	Western red-cedar	14	1	1	
Retain	6	9068	Landmark	34	Douglas-fir	18	1	1	
Retain	7	9072	Significant	11	Western red-cedar	14	1	2	Top decline
Retain	8	9077	Significant	24	Douglas-fir	16	2	1	Oozing resin on lower trunk
Retain	9	9078	Significant	22	Douglas-fir	16	1	1	
Retain	10	9368	Landmark	39	Western red-cedar	18	1	2	Sweep, double leader
Retain	11	9369	Landmark	37	Western red-cedar	18	1	2	Multiple leaders
Retain	12	9370	Landmark	33	Western red-cedar	17	1	2	Asymmetric
Retain	13	9371	Landmark	37	Western red-cedar	18	1	2	Multiple leaders
Retain	14	9462	Significant	10	Western red-cedar	8	1	2	Sweep
Retain	15	9463	Landmark	39	Douglas-fir	18	1	1	
Retain	16	9464	Landmark	37	Douglas-fir	20	1	2	Dogleg
Retain	17	9465	Significant	14	Western red-cedar	12	1	1	
Retain	18	9613	Significant	8	Scouler's willow	6	2	1	Diseased
Retain	19	9614	Significant	7	Scouler's willow	6	2	1	Diseased
Retain	20	9615	Significant	8	Bitter cherry	7	2	1	
Retain	21	9616	Significant	6,7	Scouler's willow	7	2	1	Diseased

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Proposed Action	Tree Count	Tree No.	Tree Category	DBH (in.)	Significant & Landmark Tree Species	Drip-line (ft.)	Health	Structure	Comments on Condition
Retain	22	9617	Significant	(3) 6	Western filbert	10	1	2	Diseased
Retain	23	9619	Significant	6	Bigleaf maple	8	1	2	Asymmetric
Retain	24	9667	Significant	28	Douglas-fir	17	1	1	
Retain	25	9669	Landmark	40	Douglas-fir	18	1	1	
Retain	26	9670	Significant	8	Bigleaf maple	12	1	2	Asymmetric
Retain	27	9671	Significant	20	Douglas-fir	14	1	1	
Retain	28	9673	Significant	18	Douglas-fir	12	1	2	Slender
Retain	29	9674	Significant	10	Red alder	15	1	1	
Retain	30	9675	Significant	12	Black cottonwood	16	1	1	
Retain	31	9676	Significant	25	Douglas-fir	16	1	1	
Retain	32	9677	Significant	27	Douglas-fir	16	1	1	
Retain	33	9678	Significant	18	Douglas-fir	15	1	2	Asymmetric
Retain	34	9679	Significant	11	Red alder	12	1	1	
Retain	35	9680	Significant	11	Black cottonwood	14	1	1	
Retain	36	9681	Significant	10	Red alder	13	1	1	
Retain	37	9682	Significant	24	Douglas-fir	17	1	1	
Retain	38	9683	Significant	28	Douglas-fir	18	1	1	
Retain	39	9690	Landmark	36	Douglas-fir	20	1	1	
Retain	40	9691	Significant	14	Bigleaf maple	16	1	1	
Retain	41	9692	Significant	25	Douglas-fir	17	1	1	
Retain	42	9694	Significant	30	Bigleaf maple	18	2	2	Deadwood, asymmetric
Retain	43	9742	Landmark	40	Bigleaf maple	22	2	2	Deadwood, asymmetric
Retain	44	9747	Landmark	32	Douglas-fir	17	1	1	



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Proposed Action	Tree Count	Tree No.	Tree Category	DBH (in.)	Significant & Landmark Tree Species	Dripline (ft.)	Health	Structure	Comments on Condition
Retain	45	9749	Landmark	38	Douglas-fir	18	1	1	
Retain	46	9750	Significant	22	Douglas-fir	14	1	1	
Retain	47	9751	Significant	21	Douglas-fir	12	1	1	
Retain	48	9752	Significant	12	Douglas-fir	11	1	1	
Retain	49	9753	Significant	17	Douglas-fir	14	1	2	Trunk wound
Retain	50	9754	Significant	14,17	Bigleaf maple	21	2	2	Deadwood, double leader
Retain	51	9755	Significant	22	Douglas-fir	16	1	1	
Retain	52	9756	Significant	18	Douglas-fir	13	1	1	
Retain	53	9757	Significant	21	Douglas-fir	13	1	1	
Retain	54	9758	Significant	15	Douglas-fir	14	1	1	
Retain	55	9759	Significant	22	Douglas-fir	16	1	1	
Retain	56	9760	Significant	25	Douglas-fir	17	1	1	
Retain	57	9761	Significant	18	Douglas-fir	16	1	2	Asymmetric, girdled with wire
Retain	58	9766	Significant	6	Bigleaf maple	14	1	1	
Retain	59	9767	Significant	25	Douglas-fir	16	1	1	
Retain	60	9768	Landmark	35	Douglas-fir	20	1	1	
Retain	61	9769	Significant	11	Douglas-fir	10	1	2	Suppressed, asymmetric
Retain	62	9772	Significant	27	Douglas-fir	18	1	1	
Retain	63	9775	Significant	11	Western red-cedar	9	1	1	
Retain	64	9776	Significant	16	Western red-cedar	14	1	1	
Retain	65	9779	Significant	25	Douglas-fir	17	1	1	
Retain	66	9799	Landmark	33	Douglas-fir	18	1	1	
Retain	67	9805	Significant	22	Douglas-fir	15	1	1	

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Proposed Action	Tree Count	Tree No.	Tree Category	DBH (in.)	Significant & Landmark Tree Species	Dripline (ft.)	Health	Structure	Comments on Condition
Retain	68	9807	Significant	15	Douglas-fir	14	1	2	Asymmetric
Retain	69	9808	Significant	14	Douglas-fir	12	1	2	Asymmetric
Retain	70	9809	Significant	16	Douglas-fir	14	1	2	Asymmetric
Retain	71	9810	Significant	13	Douglas-fir	11	2	2	Thin canopy, asymmetric
Retain	72	9811	Significant	9	Douglas-fir	8	2	2	Suppressed
Retain	73	9812	Significant	18	Douglas-fir	15	1	1	
Retain	74	9813	Significant	17	Douglas-fir	16	1	1	
Retain	75	9815	Significant	6	Western red-cedar	5	2	2	Suppressed, asymmetric
Retain	76	9816	Landmark	35	Western red-cedar	16	1	1	
Retain	77	9817	Significant	26	Western red-cedar	14	1	1	
Retain	78	9818	Significant	7,9	Bigleaf maple	16	1	2	Asymmetric, double leader
Retain	79	9819	Significant	17	Bigleaf maple	18	1	2	Asymmetric
Retain	80	9820	Significant	15	Western red-cedar	14	1	2	Suppressed
Retain	81	9823	Significant	17	Douglas-fir	16	1	2	Asymmetric
Retain	82	9825	Significant	26	Douglas-fir	17	1	1	
Retain	83	9826	Significant	7	Bigleaf maple	16	1	2	Asymmetric
Retain	84	9827	Significant	10,10	Bigleaf maple	15	1	2	Double leader, asymmetric
Retain	85	9828	Significant	9	Western red-cedar	7	1	1	
Retain	86	9829	Significant	6	Bigleaf maple	14	1	2	Asymmetric
Retain	87	9830	Significant	12	Douglas-fir	10	1	2	Slender
Retain	88	9831	Landmark	31	Western red-cedar	16	1	2	Double leader
Retain	89	9832	Significant	26	Douglas-fir	17	1	1	
Retain	90	9833	Significant	7	Douglas-fir	6	2	2	Suppressed, slender



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Proposed Action	Tree Count	Tree No.	Tree Category	DBH (in.)	Significant & Landmark Tree Species	Dripline (ft.)	Health	Structure	Comments on Condition
Retain	91	9834	Significant	13	Douglas-fir	6	2	2	Slender, seam
Retain	92	9835	Significant	23	Douglas-fir	17	2	1	Thin canopy
Retain	93	9836	Landmark	35	Douglas-fir	22	1	2	Double leader
Retain	94	9837	Significant	11	Douglas-fir	10	1	2	Suppressed
Retain	95	9838	Significant	18	Douglas-fir	14	1	1	
REMOVE	96	8873	Significant	22	Western red-cedar	16	1	2	Asymmetric
REMOVE	97	8874	Significant	15	Douglas-fir	11	1	2	Suppressed, asymmetric
REMOVE	98	8875	Significant	16	Western red-cedar	14	1	2	Asymmetric
REMOVE	99	8876	Landmark	43	Western red-cedar	18	1	1	
REMOVE	100	8878	Significant	26	Western red-cedar	16	1	2	Asymmetric
REMOVE	101	8879	Landmark	44	Bigleaf maple	22	1	1	
REMOVE	102	8880	Significant	13	Western red-cedar	11	1	2	Asymmetric
REMOVE	103	8881	Significant	15	Western red-cedar	9	1	1	
REMOVE	104	8882	Significant	20	Bigleaf maple	16	1	2	Asymmetric
REMOVE	105	8883	Significant	12	Bigleaf maple	16	1	2	Asymmetric
REMOVE	106	8884	Significant	14	Bigleaf maple	16	1	2	Asymmetric
REMOVE	107	8885	Significant	15	Western red-cedar	14	1	2	Asymmetric
REMOVE	108	8886	Significant	6	Western red-cedar	8	2	2	Suppressed, asymmetric
REMOVE	109	8887	Significant	27	Bigleaf maple	19	1	1	
REMOVE	110	8889	Significant	9,18	Western red-cedar	16	1	2	Asymmetric
REMOVE	111	8890	Significant	12	Bigleaf maple	14	1	2	Asymmetric
REMOVE	112	8891	Significant	18	Western red-cedar	14	1	1	
REMOVE	113	8892	Significant	12,15	Bigleaf maple	20	2	2	Decline, deadwood, asymmetric

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Proposed Action	Tree Count	Tree No.	Tree Category	DBH (in.)	Significant & Landmark Tree Species	Dripline (ft.)	Health	Structure	Comments on Condition
REMOVE	114	8906	Landmark	39	Western red-cedar	22	1	1	
REMOVE	115	8907	Landmark	33	Western red-cedar	18	1	1	
REMOVE	116	8908	Landmark	38	Western red-cedar	21	1	2	Asymmetric
REMOVE	117	8909	Significant	19	Western red-cedar	14	1	2	Asymmetric
REMOVE	118	8911	Landmark	37	Western red-cedar	18	1	1	
REMOVE	119	8912	Landmark	36	Western red-cedar	17	1	1	
REMOVE	120	8913	Landmark	54	Western red-cedar	20	1	2	Double leader
REMOVE	121	8914	Significant	29	Western red-cedar	18	1	1	
REMOVE	122	8958	Significant	6	Mt. hemlock	7	1	1	
REMOVE	123	9003	Significant	21	Douglas-fir	16	1	1	
REMOVE	124	9004	Landmark	34	Douglas-fir	19	1	1	
REMOVE	125	9005	Significant	9	Western red-cedar	11	2	1	Suppressed
REMOVE	126	9006	Significant	28	Western red-cedar	17	1	1	
REMOVE	127	9007	Significant	20	Western red-cedar	15	1	2	Asymmetric
REMOVE	128	9008	Significant	15	Western red-cedar	11	1	1	
REMOVE	129	9009	Significant	21	Western red-cedar	15	1	2	Double leader
REMOVE	130	9010	Significant	22	Douglas-fir	15	1	1	
REMOVE	131	9011	Significant	27	Douglas-fir	18	1	1	
REMOVE	132	9012	Significant	21	Douglas-fir	15	1	1	
REMOVE	133	9013	Significant	22	Western red-cedar	16	1	1	
REMOVE	134	9014	Significant	23	Western red-cedar	16	1	2	Asymmetric
REMOVE	135	9016	Significant	7	Western red-cedar	11	2	2	Suppressed, asymmetric
REMOVE	136	9017	Significant	12	Western red-cedar	11	2	2	Suppressed, asymmetric



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REMOVE	137	9019	Significant	10	Bigleaf maple	15	1	2	Asymmetric
REMOVE	138	9020	Significant	7,20,20	Western red-cedar	16	1	2	Multiple leader
REMOVE	139	9021	Significant	21	Western red-cedar	16	1	1	
REMOVE	140	9022	Significant	7	Western red-cedar	8	1	1	
REMOVE	141	9024	Landmark	36	Douglas-fir	20	1	1	
REMOVE	142	9025	Significant	18	Douglas-fir	16	1	2	Asymmetric
REMOVE	143	9026	Significant	28	Douglas-fir	17	1	1	
REMOVE	144	9027	Landmark	32	Douglas-fir	19	1	1	
REMOVE	145	9028	Significant	20	Bigleaf maple	18	1	2	Asymmetric
REMOVE	146	9029	Significant	8	Western red-cedar	9	1	2	Asymmetric
REMOVE	147	9030	Significant	19	Douglas-fir	16	1	1	
REMOVE	148	9031	Significant	20	Western red-cedar	14	1	1	
REMOVE	149	9033	Significant	27	Douglas-fir	17	1	1	
REMOVE	150	9034	Significant	17	Western red-cedar	13	1	1	
REMOVE	151	9035	Significant	18	Douglas-fir	16	1	1	
REMOVE	152	9036	Significant	11	Western red-cedar	8	1	1	
REMOVE	153	9037	Significant	17	Western red-cedar	15	1	1	
REMOVE	154	9038	Significant	28	Douglas-fir	18	1	1	
REMOVE	155	9039	Significant	20	Douglas-fir	16	1	1	
REMOVE	156	9040	Significant	16	Douglas-fir	16	1	1	
REMOVE	157	9041	Significant	16	Douglas-fir	16	1	1	
REMOVE	158	9059	Significant	24	Bigleaf maple	20	1	2	Asymmetric, deadwood



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Proposed Action	Tree Count	Tree No.	Tree Category	DBH (in.)	Significant & Landmark Tree Species	Dripline (ft.)	Health	Structure	Comments on Condition
REMOVE	159	9062	Significant	11	Bigleaf maple	16	1	2	Asymmetric
REMOVE	160	9065	Significant	11	Bigleaf maple	14	1	2	Slender
REMOVE	161	9071	Significant	17	Douglas-fir	14	1	1	
REMOVE	162	9073	Significant	24	Western red-cedar	16	1	1	
REMOVE	163	9075	Significant	18	Bigleaf maple	20	1	2	Asymmetric
REMOVE	164	9079	Significant	22	Bigleaf maple	18	1	2	Double leader, asymmetric
REMOVE	165	9080	Significant	16	Bigleaf maple	16	1	2	Asymmetric
REMOVE	166	9081	Significant	20	Bigleaf maple	18	1	1	
REMOVE	167	9082	Significant	9	Western red-cedar	7	2	2	Suppressed, asymmetric
REMOVE	168	9083	Significant	22	Bigleaf maple	17	1	2	Asymmetric
REMOVE	169	9084	Significant	15	Western red-cedar	12	1	2	Asymmetric
REMOVE	170	9085	Significant	11	Bigleaf maple	14	2	2	Slender, asymmetric
REMOVE	171	9108	Landmark	34	Western red-cedar	18	1	2	Double leader
REMOVE	172	9109	Landmark	33	Western red-cedar	17	1	1	
REMOVE	173	9110	Landmark	32	Western red-cedar	18	1	1	
REMOVE	174	9111	Landmark	34	Western red-cedar	18	1	1	
REMOVE	175	9112	Landmark	44	Western red-cedar	21	1	1	
REMOVE	176	9113	Landmark	35	Western red-cedar	19	1	1	
REMOVE	177	9114	Landmark	38	Western red-cedar	19	1	1	
REMOVE	178	9115	Significant	10, 11	Western hemlock	14	1	2	Double leader
REMOVE	179	9206	Landmark	70	Western red-cedar	18	1	2	Asymmetric
REMOVE	180	9207	Landmark	34	Western red-cedar	16	1	2	Asymmetric
REMOVE	181	9208	Significant	26	Bigleaf maple	18	1	2	Asymmetric, seam



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REMOVE	182	9209	Significant	22	Western red-cedar	14	2	1	Suppressed
REMOVE	183	9210	Significant	26,32	Western red-cedar	18	1	2	Multiple leader
REMOVE	184	9213	Significant	28	Western red-cedar	24	1	2	Multiple leaders
REMOVE	185	9215	Landmark	24,44	Western red-cedar	24	1	2	Multiple leaders
REMOVE	186	9217	Landmark	38	Western red-cedar	18	1	2	Asymmetric
REMOVE	187	9218	Significant	28	Western red-cedar	19	1	2	Asymmetric
REMOVE	188	9258	Significant	29	Douglas-fir	14	1	1	
REMOVE	189	9294	Landmark	35	Douglas-fir	17	1	1	
REMOVE	190	9295	Significant	6,6	Bigleaf maple	10	1	2	Asymmetric
REMOVE	191	9296	Landmark	36	Douglas-fir	16	1	1	
REMOVE	192	9359	Significant	14	Western red-cedar	11	1	1	
REMOVE	193	9360	Significant	26	Douglas-fir	18	1	2	Asymmetric
REMOVE	194	9361	Significant	24	Western red-cedar	16	1	1	
REMOVE	195	9362	Significant	29	Douglas-fir	18	1	2	Asymmetric
REMOVE	196	9363	Significant	25	Western red-cedar	14	1	2	Multiple leader
REMOVE	197	9364	Significant	28	Western red-cedar	18	1	2	Asymmetric, multiple leaders
REMOVE	198	9366	Landmark	40	Western red-cedar	20	1	1	
REMOVE	199	9367	Significant	20	Western red-cedar	14	1	2	Asymmetric
REMOVE	200	9373	Landmark	37	Western red-cedar	17	1	1	
REMOVE	201	9374	Landmark	35	Douglas-fir	17	1	2	Double leader
REMOVE	202	9375	Landmark	38	Douglas-fir	20	1	2	Dogleg
REMOVE	203	9378	Landmark	36	Western red-cedar	18	1	1	
REMOVE	204	9381	Significant	10,10,	Bigleaf maple	21	1	2	Stumpsprout



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Proposed Action	Tree Count	Tree No.	Tree Category	DBH (in.)	Significant & Landmark Tree Species	Dripline (ft.)	Health	Structure	Comments on Condition
				10, 14, 16, 18, 18					
REMOVE	205	9394	Significant	26	Douglas-fir	21	1	1	
REMOVE	206	9395	Significant	21	Douglas-fir	19	1	1	
REMOVE	207	9396	Significant	22	Douglas-fir	20	1	1	
REMOVE	208	9397	Significant	20	Douglas-fir	18	1	1	
REMOVE	209	9398	Significant	22	Douglas-fir	16	1	1	
REMOVE	210	9399	Significant	21	Douglas-fir	16	1	2	Asymmetric
REMOVE	211	9400	Significant	8	Western red-cedar	7	1	2	Asymmetric
REMOVE	212	9401	Significant	8	Western red-cedar	11	1	2	Asymmetric
REMOVE	213	9402	Landmark	31	Western red-cedar	16	1	1	
REMOVE	214	9403	Significant	12	Bigleaf maple	16	1	2	Asymmetric
REMOVE	215	9404	Significant	12	Bigleaf maple	16	1	2	Asymmetric
REMOVE	216	9407	Significant	11	Bigleaf maple	10	2	2	Decline, asymmetric
REMOVE	217	9408	Significant	8,18,18	Bigleaf maple	17	1	2	Stumpsprout
REMOVE	218	9409	Significant	6,8,9,10,28	Bigleaf maple	20	1	2	Stumpsprout
REMOVE	219	9413	Significant	22	Douglas-fir	19	1	1	
REMOVE	220	9414	Significant	8	Douglas-fir	6	2	2	Suppressed, bow
REMOVE	221	9416	Significant	11	Douglas-fir	6	2	1	Suppressed
REMOVE	222	9417	Significant	14	Douglas-fir	12	1	2	Asymmetric
REMOVE	223	9419	Significant	10	Pine	12	2	2	Thin canopy, asymmetric, multiple



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Proposed Action	Tree Count	Tree No.	Tree Category	DBH (in.)	Significant & Landmark Tree Species	Dripline (ft.)	Health	Structure	Comments on Condition
									leaders
REMOVE	224	9420	Significant	14	Douglas-fir	15	1	1	
REMOVE	225	9421	Significant	14	Douglas-fir	14	1	2	Asymmetric
REMOVE	226	9422	Significant	11	Douglas-fir	10	1	2	Asymmetric
REMOVE	227	9426	Significant	10	Douglas-fir	11	2	2	Suppressed, asymmetric
REMOVE	228	9427	Significant	7	Douglas-fir	6	2	1	Suppressed
REMOVE	229	9429	Significant	13	Douglas-fir	12	1	2	Asymmetric
REMOVE	230	9433	Significant	12	Deodar cedar	9	1	2	Asymmetric
REMOVE	231	9434	Significant	8	Deodar cedar	6	1	2	Asymmetric
REMOVE	232	9435	Significant	7	Deodar cedar	6	1	2	Asymmetric
REMOVE	233	9436	Significant	11	Deodar cedar	12	1	2	Asymmetric
REMOVE	234	9437	Significant	7	Deodar cedar	6	1	2	Asymmetric
REMOVE	235	9438	Significant	8,10	Bigleaf maple	12	1	2	Double leader
REMOVE	236	9440	Significant	6	Deodar cedar	7	1	2	Suppressed, asymmetric
REMOVE	237	9441	Significant	6	Deodar cedar	7	1	2	Suppressed, asymmetric
REMOVE	238	9442	Significant	11	Deodar cedar	10	1	2	Asymmetric
REMOVE	239	9443	Significant	7	Deodar cedar	6	1	2	Asymmetric
REMOVE	240	9444	Significant	13	Deodar cedar	12	1	2	Asymmetric
REMOVE	241	9445	Significant	9	Deodar cedar	7	1	2	Asymmetric
REMOVE	242	9446	Significant	7,9	Bigleaf maple	8	1	2	Double leader
REMOVE	243	9449	Significant	11	Bigleaf maple	12	1	1	
REMOVE	244	9452	Significant	14	Black pine	15	1	2	Asymmetric
REMOVE	245	9453	Significant	6	Deodar cedar	6	1	2	Sweep, asymmetric

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Proposed Action	Tree Count	Tree No.	Tree Category	DBH (in.)	Significant & Landmark Tree Species	Drip line (ft.)	Health	Structure	Comments on Condition
REMOVE	246	9457	Landmark	42	Bigleaf maple	40	1	1	
REMOVE	247	9493	Landmark	38	Douglas-fir	18	2	2	Decline, multiple leader
REMOVE	248	9494	Significant	12	Pine	10	1	1	
REMOVE	249	9497	Significant	8	Western red-cedar	8	1	1	
REMOVE	250	9512	Significant	25	Douglas-fir	16	1	2	Dogleg
REMOVE	251	9569	Significant	21	Red alder	18	2	2	Disease, malpruned
REMOVE	252	9570	Significant	20	Red alder	18	2	2	Disease, malpruned
REMOVE	253	9571	Significant	9	Windmill palm	6	1	1	
REMOVE	254	9639	Landmark	38	Western red-cedar	15	1	2	Multiple leaders
REMOVE	255	9641	Significant	26	Western red-cedar	17	1	2	Multiple leaders
REMOVE	256	9642	Significant	26	Western red-cedar	17	1	2	Multiple leaders
REMOVE	257	9644	Significant	28	Douglas-fir	17	1	1	
REMOVE	258	9645	Significant	13	Western red-cedar	7	1	2	Asymmetric, growth obstruction
REMOVE	259	9646	Significant	21	Western red-cedar	14	1	2	Asymmetric
REMOVE	260	9647	Significant	14	Western red-cedar	10	1	2	Asymmetric, dogleg
REMOVE	261	10500 (A)	Significant	25	Douglas-fir	17	1	1	
REMOVE	262	10501 (B)	Landmark	23,38	Western red-cedar	15	1	2	Double leader, woodpecker injury
REMOVE	263	10504 (E)	Significant	19	Bigleaf maple	16	1	2	Asymmetric

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Attachment No. 4 – Unhealthy Onsite Trees

Tree No.	Category	DBH	Species	DL	Health	Structure	Comment on Condition
8862	UNHEALTHY	10	Bitter cherry	12	2	3	Diseased, deadwood, decline
8877	UNHEALTHY	7	Purpleleaf plum	10	3	3	Disease, decline, decay
8888	UNHEALTHY	20	Western red-cedar	14	3	1	Thin canopy, decline
9018	UNHEALTHY	14	Bigleaf maple	18	2	3	Decline, deadwood, pruning injury
9023	UNHEALTHY	12	Douglas-fir	11	3	3	Suppressed, asymmetric
9032	Dead						
9042	UNHEALTHY	15	Bigleaf maple	14	3	3	Decline, decay, sweep, heave
9057	UNHEALTHY	24	Western red-cedar	12	3	3	Decline, top dead
9058	UNHEALTHY	14	Bigleaf maple	18	3	3	Decline, top dead
9060	UNHEALTHY	9	Western red-cedar	8	3	3	Decline, top dead
9061	UNHEALTHY	19	Western red-cedar	14	3	1	Top dead
9063	UNHEALTHY	16	Western red-cedar	8	3	3	Decline, suppressed
9064	UNHEALTHY	16	Bigleaf maple	16	1	3	Asymmetric, deadwood
9069	UNHEALTHY	14	Bigleaf maple	18	3	3	Decline, decay
9074	UNHEALTHY	7	Western red-cedar	6	1	3	Topped, suppressed
9076	UNHEALTHY	6	Western red-cedar	8	3	3	Suppressed, asymmetric
9216	UNHEALTHY	12	Bitter cherry	17	3	2	Disease, decay, asymmetric
9314	UNHEALTHY	24	Douglas-fir	20	1	3	Topped
9315	UNHEALTHY	14	Western red-cedar	15	1	3	Topped, multiple leader
9365	UNHEALTHY	38	Western red-cedar	18	1	3	Sweep, multiple leader
9418	UNHEALTHY	8	Douglas-fir	4	3	3	Suppressed
9425	UNHEALTHY	7	Douglas-fir	4	3	3	Suppressed
9428	UNHEALTHY	7	Douglas-fir	6	3	3	Suppressed



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Tree No.	Category	DBH	Species	DL	Health	Structure	Comment on Condition
9430	Dead						
9431	UNHEALTHY	7	Douglas-fir	6	3	3	Suppressed
9609	UNHEALTHY	18	Douglas-fir	17	1	3	Topped
9618	Dead						
9634	UNHEALTHY	20	Western red-cedar	14	1	3	Sweep, previous root failure
9640	UNHEALTHY	7	pacific madrone	12	3	3	Disease, lean
9643	UNHEALTHY	21	Western red-cedar	16	2	3	Asymmetric, woodpecker injury, growth obstruction
9648	UNHEALTHY	8	Western red-cedar	12	1	3	Suppressed, machete injury
9666	UNHEALTHY	10	Douglas-fir	14	2	3	Suppressed, asymmetric
9668	Dead						
9672	UNHEALTHY	9	Douglas-fir	10	2	3	Suppressed, asymmetric
9712	UNHEALTHY	13	Douglas-fir	10	1	3	Trunk failed, leaning into adjacent tree
9715	Dead						
9716	UNHEALTHY	9	Red alder	12	2	3	Decline, decay
9717	UNHEALTHY	14	Red alder	10	2	3	Top decline, decay
9721	UNHEALTHY	13	Douglas-fir	11	2	3	Thin canopy, asymmetric
9727	UNHEALTHY	8	Bigleaf maple	10	1	3	trunk failure
9743	Dead						
9748	UNHEALTHY	15	Western hemlock	16	1	3	Trunk decay
9762	UNHEALTHY	10	Bigleaf maple	16	2	3	Suppressed, asymmetric
9763	UNHEALTHY	12	Scouler's willow	13	3	2	Diseased, deadwood
9765	UNHEALTHY	14	Douglas-fir	11	2	3	Thin, trunk failure, tree leaning
9771	UNHEALTHY	9	Bigleaf maple	18	1	3	Asymmetric, stump sprout, decay
9804	UNHEALTHY	9	Douglas-fir	8	2	3	Decline, decay
9806	Dead						



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Tree No.	Category	DBH	Species	DL	Health	Structure	Comment on Condition
9821	UNHEALTHY	6	Bigleaf maple	14	2	3	Suppressed, decay
9822	UNHEALTHY	6	Bigleaf maple	14	2	3	Suppressed, decay
9824	UNHEALTHY	7	Bigleaf maple	11	1	3	Asymmetric, suppressed, seam
9879	UNHEALTHY	14	Bigleaf maple	16	1	3	Stumpsprout, decay
9883	UNHEALTHY	34	Bigleaf maple	20	1	3	Decay
9895	UNHEALTHY	60	Bigleaf maple	25	2	3	Decline, decay
9940	UNHEALTHY	9	Red alder	13	3	3	Disease, decline, decay
9969	UNHEALTHY	13	Douglas-fir	8	3	3	Decline, lichen
9970	UNHEALTHY	20	Norway spruce	14	1	3	Topped for OHPL
9974	UNHEALTHY	19	Western hemlock	16	2	3	Topped for OHPL
10000	UNHEALTHY	7	Red alder	13	3	3	Disease, decline, decay
10566	UNHEALTHY	28	Western red-cedar	16	2	3	
10595	UNHEALTHY	24	Douglas-fir	0	3	3	
10596	UNHEALTHY	9	Bigleaf maple	13	1	3	
10597	UNHEALTHY	8	Bigleaf maple	16	1	3	
10599	UNHEALTHY	20	Bigleaf maple	20	2	3	
10607	UNHEALTHY	23	Douglas-fir	0	3	3	
10624	UNHEALTHY	20	Bigleaf maple	25	2	3	
10626	UNHEALTHY	13	Douglas-fir	0	3	3	
10629	UNHEALTHY	9	Western hemlock	0	3	3	
10633	UNHEALTHY	29	Western hemlock	16	3	3	
10634	UNHEALTHY	14	Bigleaf maple	18	2	3	
10639	UNHEALTHY	13	Douglas-fir	0	3	3	
10648	UNHEALTHY	10	Bigleaf maple	8	3	2	
10656	UNHEALTHY	21	Bigleaf maple	14	2	3	



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Tree No.	Category	DBH	Species	DL	Health	Structure	Comment on Condition
10660	UNHEALTHY	22	Bigleaf maple	20	2	3	
10663	UNHEALTHY	11	Western red-cedar	8	3	2	
10691	UNHEALTHY	16	Bigleaf maple	30	2	3	
10698	UNHEALTHY	15	Bigleaf maple	16	1	3	
10700	UNHEALTHY	9	Bigleaf maple	12	2	3	
10703	UNHEALTHY	18	Bigleaf maple	16	2	3	
10730	UNHEALTHY	13	Douglas-fir	0	3	3	
10755	UNHEALTHY	6	Bigleaf maple	15	2	3	
10760	UNHEALTHY	9	Western red-cedar	10	2	3	
10762	UNHEALTHY	10	Bigleaf maple	15	1	3	
10775	UNHEALTHY	9	Red alder	0	3	3	
10505 (F)	UNHEALTHY	11	Western red-cedar	8	1	3	Sweep, root heave
10506 (G)	UNHEALTHY	8	Mt. Fuji cherry	8	3	3	Disease, decline, decay
10507 (H)	UNHEALTHY	9	Purpleleaf plum	11	3	3	Disease, decline, decay



Attachment No. 5 –Offsite Trees

Tree No.	Offsite Trees		DBH	Species	Dripline	Health	Structure	Comment on Condition
9372	Offsite	Landmark	39	Western red-cedar	19	1	2	Multiple leaders
9376	Offsite	Landmark	34	Western red-cedar	17	1	2	Multiple leaders
9377	Offsite	Landmark	42	Western red-cedar	21	1	2	Multiple leaders
9415	Offsite	Unhealthy	7,8,9,9	Bigleaf maple	14	1	3	Stumpsprout
9447	Offsite	Significant	9	Bigleaf maple	10	1	1	
9448	Offsite	Significant	7	Bigleaf maple	10	1	1	
9450	Offsite	Significant	8	Bigleaf maple	12	1	1	Ivy
9454	Offsite	Significant	7	Bigleaf maple	10	1	1	Ivy
9456	Offsite	Significant	28	Douglas-fir	17	1	2	Sweep, asymmetric
9684	Offsite	Significant	6,8,10,16	Bigleaf maple	18	1	2	Asymmetric, stumpsprout
9685	Offsite	Significant	7	Bigleaf maple	14	1	2	Asymmetric
9686	Offsite	Significant	6	Bigleaf maple	14	1	2	Asymmetric
9687	Offsite	Significant	15	Douglas-fir	12	2	2	Thin canopy, suppressed
9688	Offsite	Significant	20	Douglas-fir	15	1	1	
9689	Offsite	Significant	10	Bigleaf maple	18	1	2	Asymmetric, trunk injury, growth obstruction
9691	Offsite	Significant	14	Bigleaf maple	16	1	1	
9692	Offsite	Significant	25	Douglas-fir	17	1	1	
9693	Offsite	Landmark	38	Douglas-fir	20	1	1	
9694	Offsite	Significant	30	Bigleaf maple	18	2	2	Deadwood, asymmetric
9695	Offsite	Significant	14	Douglas-fir	14	2	2	Suppressed, asymmetric
9697	Offsite	Significant	14	Douglas-fir	13	2	2	Suppressed, asymmetric
9698	Offsite	Significant	9	Douglas-fir	8	2	2	Suppressed, asymmetric

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Tree No.	Offsite Trees		DBH	Species	Dripline	Health	Structure	Comment on Condition
9699	Offsite	Significant	23	Douglas-fir	16	1	1	
9700	Offsite	Significant	6	Douglas-fir	10	2	2	Suppressed, asymmetric
9703	Offsite	Significant	16	Douglas-fir	12	1	2	Hardware in trunk
9704	Offsite	Significant	9	Bigleaf maple	14	1	1	
9708	Offsite	Significant	30	Bigleaf maple	20	1	1	
9709	Offsite	Significant	22	Douglas-fir	14	1	1	
9710	Offsite	Significant	23	Douglas-fir	16	1	2	Asymmetric
9711	Offsite	Significant	23	Western red-cedar	17	1	1	
9713	Offsite	Landmark	36	Douglas-fir	16	1	1	
9714	Offsite	Significant	21	Douglas-fir	16	1	2	Suppressed, asymmetric
9720	Offsite	Significant	27	Douglas-fir	16	1	2	Side pruned for OHPL
9722	Offsite	Significant	11	Douglas-fir	8	2	1	Thin canopy
9723	Offsite	Significant	18	Bigleaf maple	20	1	2	Deadwood
9724	Offsite	Significant	29	Douglas-fir	16	1	1	
9725	Offsite	Significant	27	Douglas-fir	18	1	2	Asymmetric
9726	Offsite	Significant	18	Douglas-fir	15	1	2	Asymmetric
9728	Offsite	Significant	11	Douglas-fir	10	2	1	Thin canopy
9729	Offsite	Significant	13	Douglas-fir	11	1	2	Asymmetric
9730	Offsite	Significant	14	Douglas-fir	12	1	2	Asymmetric
9731	Offsite	Landmark	32	Douglas-fir	17	1	1	
9732	Offsite	Significant	11	Bigleaf maple	13	1	1	
9733	Offsite	Landmark	31	Douglas-fir	18	1	1	
9734	Offsite	Significant	19	Bigleaf maple	18	1	2	Slender
9735	Offsite	Significant	17	Douglas-fir	14	1	1	



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Tree No.	Offsite Trees		DBH	Species	Dripline	Health	Structure	Comment on Condition
9736	Offsite	Significant	18	Douglas-fir	16	1	2	Asymmetric
9737	Offsite	Significant	10	Bigleaf maple	14	1	1	
9739	Offsite	Significant	19	Douglas-fir	16	1	1	
9740	Offsite	Landmark	45	Douglas-fir	20	1	1	
9741	Offsite	Significant	16	Bigleaf maple	18	1	2	Deadwood
9744	Offsite	Landmark	47	Douglas-fir	20	1	1	
9746	Offsite	Significant	10,22	Bigleaf maple	18	1	2	Double leader
9777	Offsite	Significant	23	Douglas-fir	16	2	1	Oozing resin
9778	Offsite	Landmark	48	Douglas-fir	22	1	1	
9791	Offsite	Landmark	48	Bigleaf maple	30	1	2	Asymmetric, multiple leaders
9793	Offsite	Landmark	44	Douglas-fir	20	1	1	
9794	Offsite	Significant	20	Douglas-fir	16	1	1	
9795	Offsite	Significant	11	Douglas-fir	7	1	1	
9796	Offsite	Significant	27	Douglas-fir	18	1	1	
9797	Offsite	Significant	18	Douglas-fir	15	1	1	
9798	Offsite	Significant	13	Douglas-fir	10	1	1	
9844	Offsite	Significant	19	Bigleaf maple	18	1	2	Deadwood
9845	Offsite	Significant	7	Bigleaf maple	14	2	2	Suppressed, stump sprout
9846	Offsite	Significant	29	Western hemlock	16	1	2	Sweep
9847	Offsite	Significant	10	Bitter cherry	11	2	1	Suppressed
9848	Offsite	Significant	11	Bigleaf maple	16	1	1	
9849	Offsite	Significant	10	Bigleaf maple	16	1	1	
9850	Offsite	Significant	12	Bigleaf maple	16	1	1	
9851	Offsite	Significant	10	Western red-cedar	11	1	1	



Lafe B. Hermansen, Core Design, Inc.

RE: *FOURTH Amended* Tree Health Report, Rose Hill West, Redmond WA

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Tree No.	Offsite Trees		DBH	Species	Dripline	Health	Structure	Comment on Condition
9852	Offsite	Significant	24	Bigleaf maple	18	1	1	
9853	Offsite	Significant	18	Douglas-fir	16	2	1	Thin canopy
9854	Offsite	Significant	10	Douglas-fir	11	2	2	Suppressed, asymmetric
9855	Offsite	Significant	7	Western red-cedar	9	1	1	
9856	Offsite	Landmark	31	Douglas-fir	19	1	1	
9857	Offsite	Significant	26	Douglas-fir	16	1	1	
9858	Offsite	Significant	20	Douglas-fir	15	1	1	
9859	Offsite	Significant	24	Douglas-fir	15	1	1	
9860	Offsite	Significant	28	Douglas-fir	17	1	1	
9861	Offsite	Significant	24	Douglas-fir	16	1	1	
9862	Offsite	Significant	25	Douglas-fir	17	1	1	
9863	Offsite	Landmark	33	Bigleaf maple	20	1	1	
9864	Offsite	Significant	12	Douglas-fir	10	1	2	Asymmetric
9865	Offsite	Significant	28	Douglas-fir	17	1	1	
9867	Offsite	Significant	20	Douglas-fir	15	1	1	
9868	Offsite	Significant	12	Bigleaf maple	17	1	1	
9869	Offsite	Significant	12	Bigleaf maple	16	1	1	
9870	Offsite	Significant	10	Western red-cedar	11	1	1	
9872	Offsite	Significant	15	Douglas-fir	16	1	2	Asymmetric
9873	Offsite	Significant	22	Western hemlock	16	2	1	Thin canopy
9874	Offsite	Significant	12	Western red-cedar	10	1	1	
9875	Offsite	Significant	18,24	Bigleaf maple	22	2	2	Deadwood, double leader
9876	Offsite	Significant	7	Bigleaf maple	8	2	2	Suppressed, asymmetric
9877	Offsite	Significant	12	Bigleaf maple	16	1	2	Deadwood, asymmetric



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RE: *FOURTH Amended* Tree Health Report, Rose Hill West, Redmond WA

September 21, 2018

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Tree No.	Offsite Trees		DBH	Species	Dripline	Health	Structure	Comment on Condition
9878	Offsite	Significant	12	Bigleaf maple	16	1	2	Deadwood, asymmetric
9884	Offsite	Landmark	48	Douglas-fir	20	1	1	
9885	Offsite	Significant	11	Western red-cedar	11	2	1	Suppressed
9886	Offsite	Significant	15	Bigleaf maple	17	1	2	Seam
9887	Offsite	Significant	7	Bigleaf maple	12	1	1	
9889	Offsite	Significant	9	Western red-cedar	11	2	1	Suppressed
9890	Offsite	Landmark	31	Western red-cedar	16	1	1	
9891	Offsite	Significant	11	Western red-cedar	12	2	1	Suppressed
9892	Offsite	Significant	16	Red alder	14	2	1	Decline
9893	Offsite	Significant	9	Western red-cedar	11	2	1	Suppressed
9894	Offsite	Significant	23	Douglas-fir	17	1	1	
9896	Offsite	Significant	26	Douglas-fir	18	1	2	Asymmetric
9936	Offsite	Significant	13	Black cottonwood	14	1	1	
9937	Offsite	Significant	22	Douglas-fir	18	1	1	
9938	Offsite	Significant	9	Bigleaf maple	10	2	2	Suppressed, asymmetric
9939	Offsite	Significant	19	Bigleaf maple	18	1	2	Asymmetric
9942	Offsite	Significant	8	Red alder	12	1	2	Asymmetric, sweep
9943	Offsite	Significant	15	Bigleaf maple	16	1	2	Asymmetric
9944	Offsite	Significant	13	Bigleaf maple	16	1	2	Asymmetric
9945	Offsite	Significant	15	Blue spruce	12	1	1	
9968	Offsite	Landmark	32	Red oak	28	1	1	
9972	Offsite	Significant	16	Norway spruce	12	1	1	
9977	Offsite	Significant	18	Western hemlock	14	1	1	
9981	Offsite	Significant	19	Western hemlock	15	1	1	



Lafe B. Hermansen, Core Design, Inc.

RE: *FOURTH Amended* Tree Health Report, Rose Hill West, Redmond WA

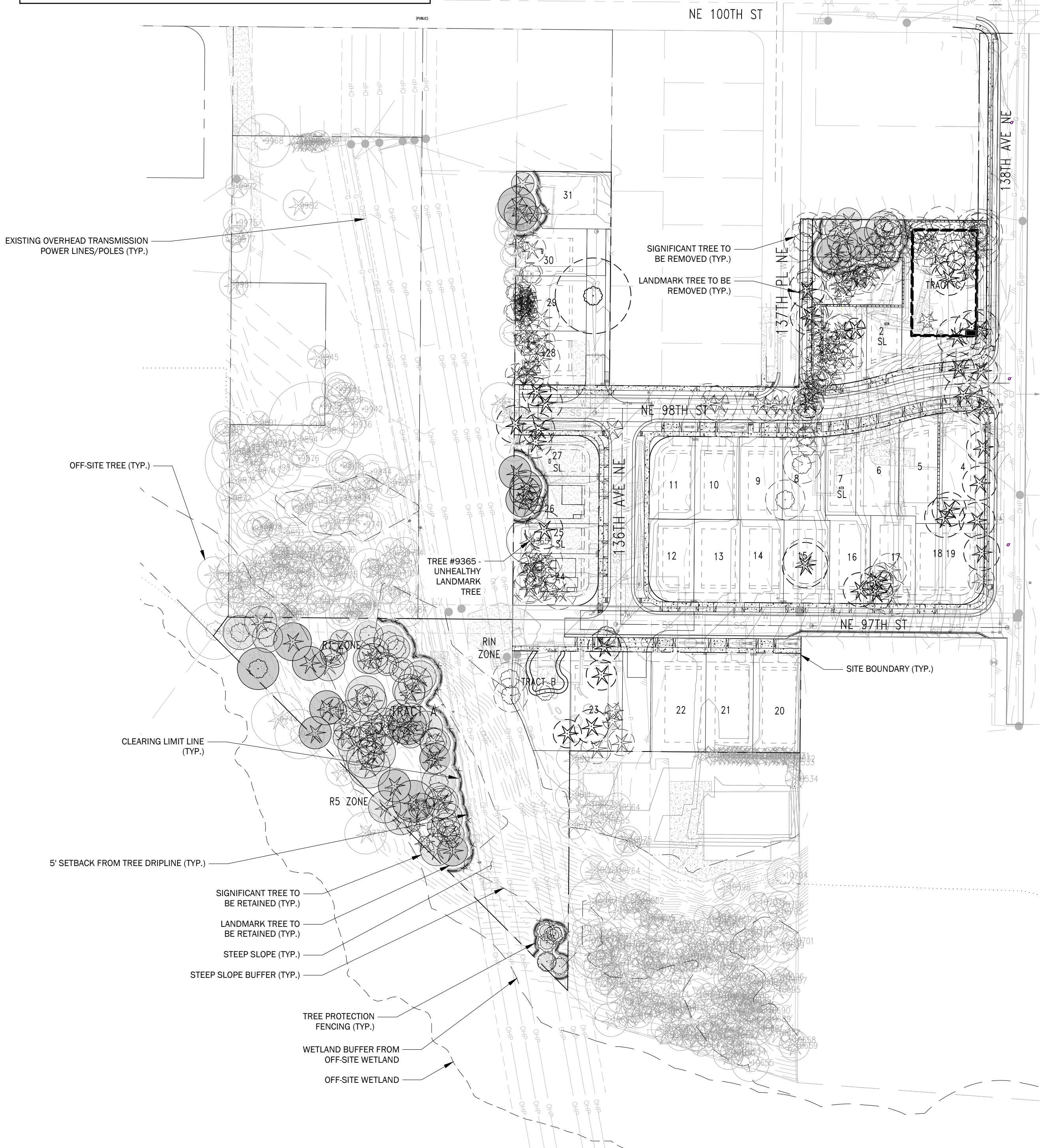
September 21, 2018

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Tree No.	Offsite Trees		DBH	Species	Dripline	Health	Structure	Comment on Condition
9982	Offsite	Significant	18	Douglas-fir	16	1	1	
9992	Offsite	Significant	6	Western red-cedar	8	1	1	
9996	Offsite	Significant	6	Douglas-fir	6	1	1	
9997	Offsite	Significant	8	Douglas-fir	9	1	1	
9998	Offsite	Significant	6	Douglas-fir	11	1	1	
9999	Offsite	Significant	9	Douglas-fir	11	1	1	
10502 (C)	Offsite	Significant	29	Douglas-fir	18	1	2	Dogleg
10503 (D)	Offsite	Landmark	34	Douglas-fir	18	1	1	



Lafe B. Hermansen,
Core Design, Inc.
September 21, 2018
RE: *FOURTH Amended* Tree Health Report, Rose Hill West, Redmond WA
Attachment No. 6 – Preliminary Tree Preservation Plan L1.01 (1 of 3)



PRELIMINARY TREE PRESERVATION PLAN

SCALE: 1" = 80'

LEGEND

- SIGNIFICANT TREE TO BE REMOVED
- SIGNIFICANT TREE TO BE RETAINED
- LANDMARK TREE TO BE REMOVED
- LANDMARK TREE TO BE RETAINED
- 5' SETBACK FROM TREE DRIPLINE
- CLEARING LIMITS
- TREE PROTECTION FENCING

CITY OF REDMOND CODE REFERENCES

- RZC 21.72.060 - 35% OF EXISTING SIGNIFICANT (HEALTHY) TREES MUST BE RETAINED ON SITE
- SIDEWALKS & UTILITIES MAY BE LOCATED WITHIN DRIP-LINE OF A PROTECTED TREE
- THE ADMINISTRATOR MAY ALLOW CONSTRUCTION LIMITS OR ALTERATION OF GRADES WITHIN 5' OF DRIP-LINE OF A PROTECTED TREE
- RZC 21.72.080 - SIGNIFICANT TREES WILL BE REPLACED AT A 1:1 RATIO
- LANDMARK TREES WILL BE REPLACED AT A 1:3 RATIO
- REPLACEMENT TREE SIZING:
 - DECIDUOUS 2.5" MIN CALIPER
 - EVERGREEN 6' HT MIN.
- RZC 21.72.070 - PLEASE REFER THIS CHAPTER TO ENSURE TREES THAT ARE TO REMAIN ARE PROPERLY PROTECTED.

NOTES

- FOR MORE DETAILED INFORMATION REGARDING THE TREES, PLEASE SEE THIRD AMENDED ARBORIST REPORT BY GREENFOREST INCORPORATED DATED MAY 17, 2018.
- DEAD AND UNHEALTHY TREES HAVE BEEN REMOVED FROM COUNTS.

SUMMARY OF ON-SITE TREE RETENTION

TREE TYPE	REMOVAL	IMPACTED	RETAINED	TOTAL
LANDMARK (OVER 30" DBH)	34 13%	0 0%	18 7%	52 20%
SIGNIFICANT (6" - 30" DBH)	134 51%	0 0%	77 29%	211 80%
TOTAL	168 64%	0 0%	95 36%	263 100%
TREE REPLACEMENT REQUIRED (SIGNIFICANT - 1:1 LANDMARK - 3:1)				236

REPLACEMENT TREE CALCULATIONS

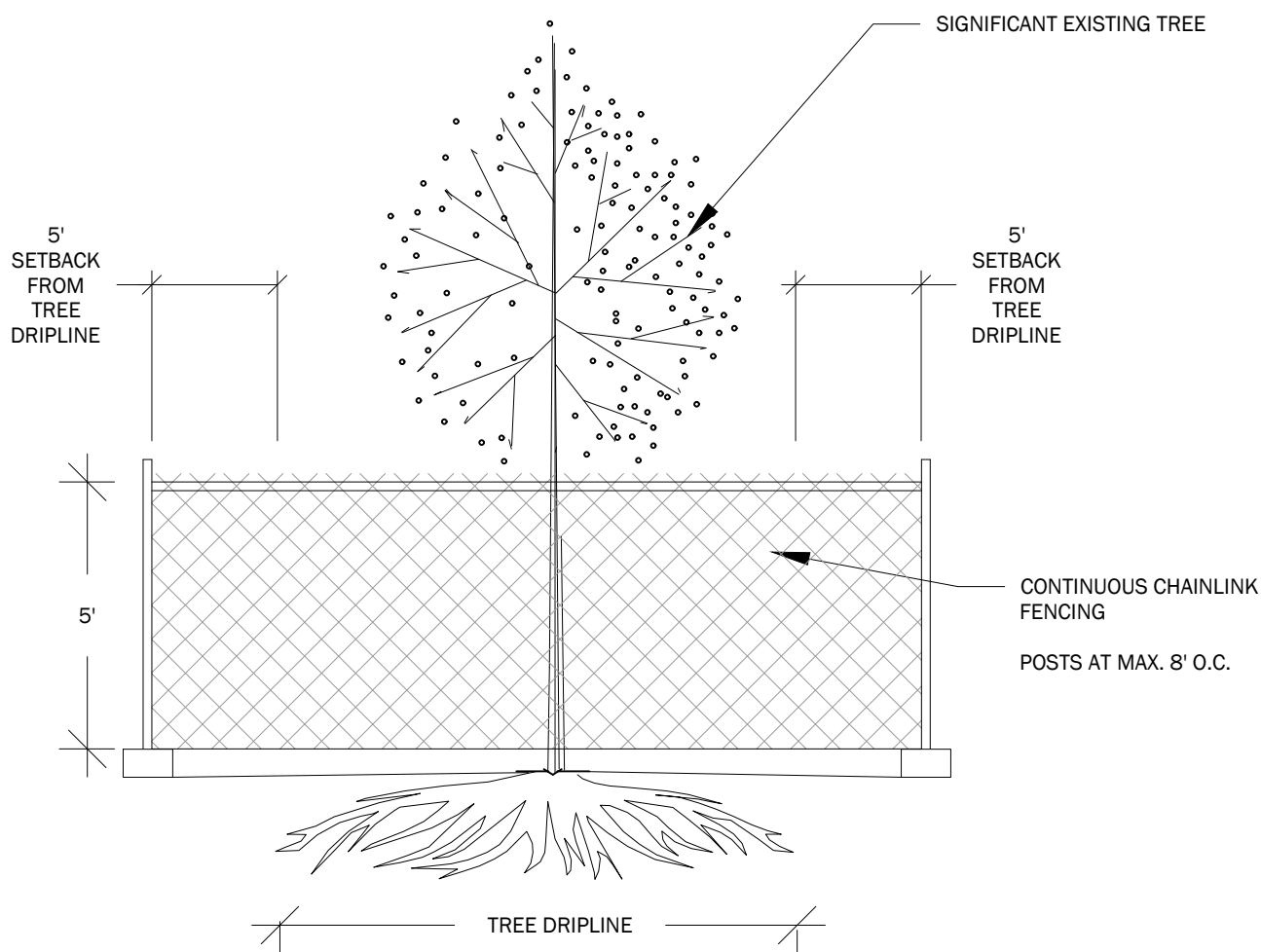
SIGNIFICANT TREES REMOVED: 134 (REPLACED AT 1:1 RATIO)
SIGNIFICANT TREES REQUIRED TO BE REPLACED: 134

SIGNIFICANT TREES IMPACTED: 0 (REPLACED AT 1:1 RATIO)
SIGNIFICANT TREES REQUIRED TO BE REPLACED: 0

LANDMARK TREES REMOVED: 34 (REPLACED AT 3:1 RATIO)
LANDMARK TREES REQUIRED TO BE REPLACED: 102

LANDMARK TREES IMPACTED: 0 (REPLACED AT 3:1 RATIO)
LANDMARK TREES REQUIRED TO BE REPLACED: 0

TOTAL REQUIRED REPLACEMENT TREES: 236

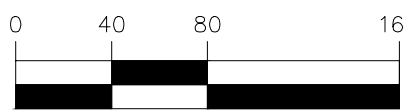


TREE PROTECTION FENCING

- NOTE:
- MINIMUM FIVE (5) FOOT HIGH TEMPORARY CHAINLINK FENCE SHALL BE PLACED AT THE 5' SETBACK FROM TREE DRIPLINE OR DESIGNATED LIMIT OF DISTURBANCE OF THE TREE TO BE SAVED. FENCE SHALL COMPLETELY ENCLOSE TREE(S). INSTALL FENCE POSTS USING PIER BLOCK ONLY. MODIFICATIONS TO FENCING MATERIAL AND LOCATION MUST BE APPROVED BY PLANNING OFFICIAL.
 - TREATMENT OF EXPOSED ROOTS DURING CONSTRUCTION: FOR ROOTS OVER ONE (1) INCH DIAMETER DAMAGED DURING CONSTRUCTION, MAKE A CLEAN STRAIGHT CUT TO REMOVE THE DAMAGED PORTION OF ROOT. ALL EXPOSED ROOTS SHALL BE TEMPORARILY COVERED WITH DAMP BURLAP TO PREVENT DRYING, AND COVERED WITH SOIL AS SOON AS POSSIBLE.
 - NO STOCKPILING OF MATERIALS, VEHICULAR TRAFFIC, OR STORAGE OF EQUIPMENT OR MACHINERY SHALL BE ALLOWED WITHIN THE LIMIT OF THE FENCING. FENCING SHALL NOT BE MOVED OR REMOVED UNLESS APPROVED BY THE CITY PLANNING OFFICIAL. WORK WITHIN THE PROTECTION FENCE SHALL BE DONE MANUALLY UNDER THE SUPERVISION OF AN ON-SITE ARBORIST AND WITH PRIOR APPROVAL BY THE CITY PLANNING OFFICIAL.



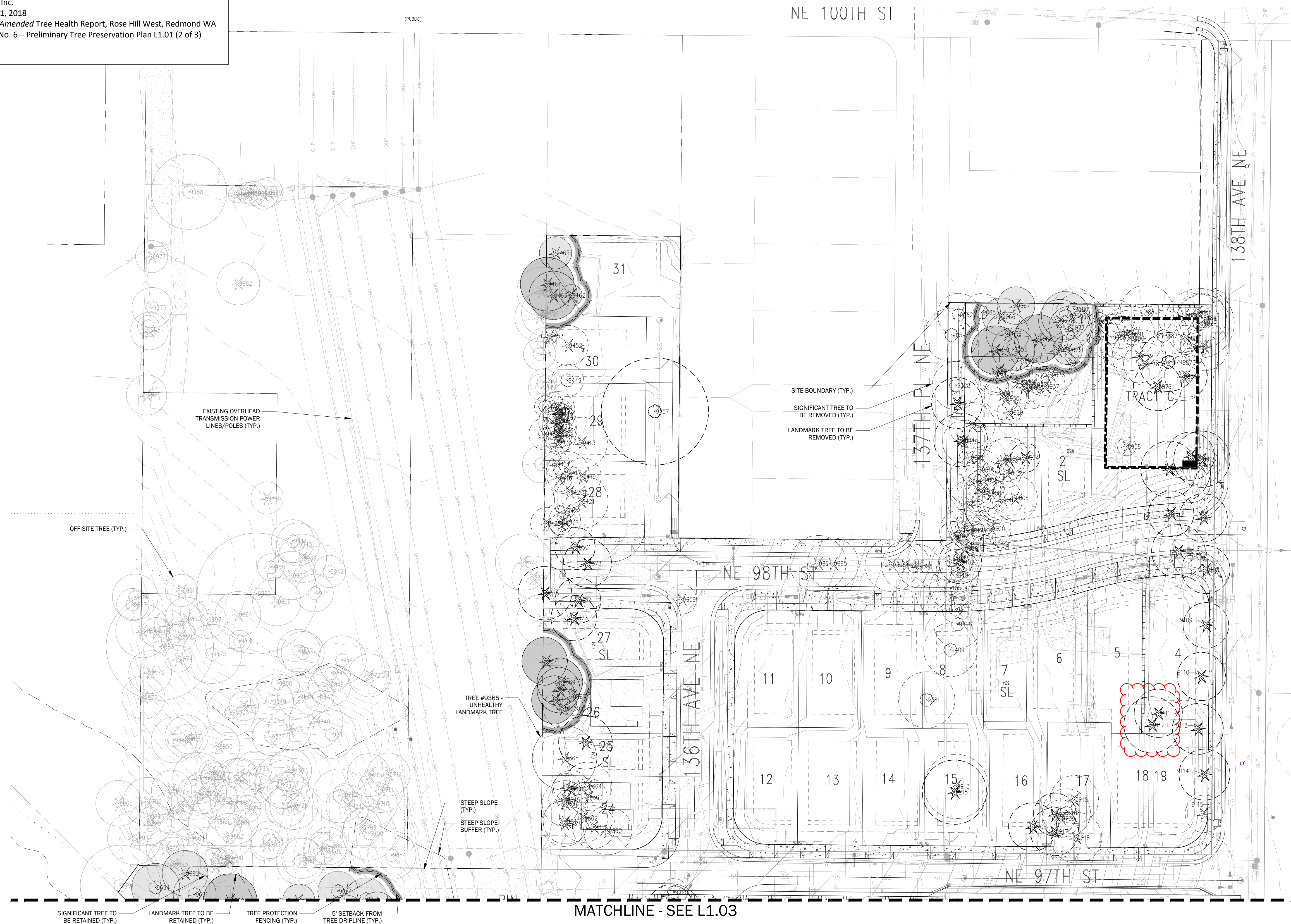
SCALE: 1" = 80'



NOT FOR CONSTRUCTION

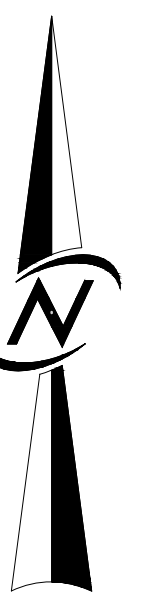
1	5/21/2018	KJS		JSF	JSF	PRELIMINARY PLAT SUBMITTAL	DRAWN BY KSA&KJS	DESIGNED BY KJS	<div>CALL TWO BUSINESS DAYS BEFORE YOU DIG 1-800-424-5555</div>	<div>CORE DESIGN</div>	<div>14711 NE 29th Place Suite 101 Bellevue, Washington 98007 425.885.7877 Fax 425.885.7963</div>	<div>APPLICANT/OWNER'S AGENT LAIRD HOLDINGS LLC 1916 126TH AVENUE SE BELLEVUE, WA 98005 PHONE: (206) 605-2371 CONTACT: KELLY M. FOSTER EMAIL: kelly@lairdholdingsllc.com</div>	<div>STATE OF WASHINGTON REGISTERED LANDSCAPE ARCHITECT  LINDSEY BENNETT SCORIO CERTIFICATE NO. 1351 04/17/2020</div>	ROSE HILL WEST SUBDIVISION CITY OF REDMOND KING COUNTY, WASHINGTON	SHEET						
NO.	DATE	BY	CHD.	APPR.		REVISION	J O B No. :1600612		S C A L E: AS NOTED						PRELIMINARY TREE PRESERVATION PLAN	L1.01					

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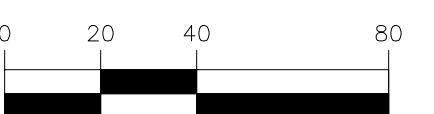


TREE PRESERVATION PLAN - NORTH

SCALE: 1" = 40'



SCALE: 1" = 40'



NOT FOR CONSTRUCTION

1	5/21/2018	KJS	JSF	JSF	PRELIMINARY PLAT SUBMITTAL	DRAWN BY KSA&KJS	DESIGNED BY KJS	<div>CALL TWO BUSINESS DAYS BEFORE YOU DIG 1-800-424-5555</div> <div>CORE DESIGN</div> <div>14711 NE 29th Place Suite 101 Bellevue, Washington 98007 425.885.7877 Fax 425.885.7963</div>	<div>APPLICANT/OWNER'S AGENT LAIRD HOLDINGS LLC 1916 126TH AVENUE SE BELLEVUE, WA 98005 PHONE: (206) 605-2371 CONTACT: KELLY M. FOSTER EMAIL: kelly@lairdholdingsllc.com</div>	<div>STATE OF WASHINGTON REGISTERED LANDSCAPE ARCHITECT </div>	ROSE HILL WEST SUBDIVISION CITY OF REDMOND KING COUNTY, WASHINGTON	SHEET
					CHECKED BY JSF	APPROVED BY JSF	L1.02					
					DATE 5/21/2018							
					J O B No. :1600612 S C A L E : AS NOTED							
NO.	DATE	BY	CHD.	APPR.	REVISION							

Lafe B. Hermansen,
Core Design, Inc.
September 21, 2018
RE: *FOURTH* Amended Tree Health Report, Rose Hill West, Redmond WA
Attachment No. 6 – Preliminary Tree Preservation Plan L1.01 (3 of 3)

NW AND NE 1/4 OF THE NW 1/4, SEC. 03 TWP. 25 N, RGE. 5E., W.M.

MATCHLINE - SEE L1.02

LANDMARK TREE TO
BE RETAINED (TYP.)

OFF-SITE TREE (TYP.)

SIGNIFICANT TREE TO
BE RETAINED (TYP.)

OFF-SITE WETLAND

R5 ZONE

5' SETBACK FROM TREE
DRIPLINE (TYP.)

TREE PROTECTION
FENCING (TYP.)

WETLAND BUFFER FROM
OFF-SITE WETLAND

STEEP SLOPE (TYP.)

STEEP SLOPE BUFFER
(TYP.)

EXISTING OVERHEAD TRANSMISSION
POWER LINES/POLES (TYP.)

TREE #9365 - UNHEALTHY
LANDMARK TREE

RIN
ZONE

TRACT B

NE 97TH ST

SITE BOUNDARY (TYP.)

CLEARING LIMIT LINE
(TYP.)

LANDMARK TREE TO BE
REMOVED (TYP.)

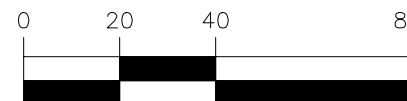
SIGNIFICANT TREE TO
BE REMOVED (TYP.)

TREE PRESERVATION PLAN - SOUTH

SCALE: 1" = 40'



SCALE: 1" = 40'



NOT FOR CONSTRUCTION

1	5/21/2018	KJS	JSF	JSF	PRELIMINARY PLAT SUBMITTAL
NO.	DATE	BY	CHD.	APPR.	REVISION

DRAWN BY KSA&KJS	DESIGNED BY KJS
CHECKED BY JSF	APPROVED BY JSF
DATE 5/21/2018	
J O B No. :1600612	

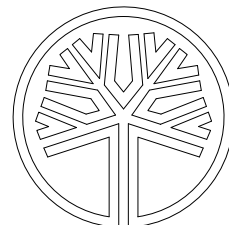
CALL TWO BUSINESS
DAYS BEFORE YOU DIG
1-800-424-5555

SCALE:
AS NOTED



14711 NE 29th Place Suite 101
Bellevue, Washington 98007
425.885.7877 Fax 425.885.7963

APPLICANT/OWNER'S AGENT
LAIRD HOLDINGS LLC
1916 126TH AVENUE SE
BELLEVUE, WA 98005
PHONE: (206) 605-2371
CONTACT: KELLY M. FOSTER
EMAIL: kelly@lairdholdingsllc.com



STATE OF
WASHINGTON
REGISTERED
LANDSCAPE ARCHITECT
LINDSEY BENNETT SCIORIO
CERTIFICATE NO. 651
04/17/2020

ROSE HILL WEST SUBDIVISION
CITY OF REDMOND
KING COUNTY, WASHINGTON

TREE PRESERVATION PLAN

SHEET

L1.03

Attachment No. 7 – Photo-Documentation of Trees 9365, 9883 & 9895.



Tree 9365 has a significant sweep at the base of the trunk; multiple leaders in the upper canopy (left top and bottom).

Tree 9883 has an open wound with advanced decay completely through the trunk (top right).

Tree 9895 is suppressed by an adjacent fir tree and its canopy is mostly on the abutting parcel. Several scaffold branches in the lower canopy are dead; response wood is visible and pronounced at all trunk attachments at the base of the trunk. This indicates uneven loading in the wood fibers, and a predisposition to failure (bottom three right images).

